

ABSTRACT

An improved filter for barcode scanner comprises: a glass layer, a first filter layer plated on an outer surface of the glass layer and a second filter layer plated on an inner surface of the glass layer.

- 5 When the barcode image light of an object reflects to the first filter layer, the first filter layer will filter out successively the mixed light contained in the image light, and allows only red light to pass through the glass layer. Then the red light enters the second filter layer which filters out again successively the residual mixed light
- 10 escaped from the first filter layer and results in a pure red light to enter the front end apparatus for the sensor means in the front end apparatus to read accurately.